



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 31]
No. 31]

नई दिल्ली, शनिवार, जुलाई 30, 1977 (श्रावण 8, 1899)
NEW DELHI, SATURDAY, JULY 30, 1977 (SRAVANA 8, 1899)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS & DESIGNS

Calcutta, the 30th July 1977

CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated the 14th May, 1977, under the heading "COMPLETE SPECIFICATIONS ACCEPTED".

(1)

In page 436, Column 1, line 5, against No. 141960—
for 'Applicant: INVFNTR'.
read 'Applicant & INVENTOR'.

(2)

In page 438, Column 1, line 2, against No. 141967—
for 'CO1b 31/00' read 'FO1b 31/00'

(3)

In page 445, Column 2, line 1, against No. 141993—
for '146,' read '146D₁'.

(4)

In page 446, Column 2, line 3, against No. 141996—
for 'AN FUFL' read 'A FUEL'.

177GI/77

(5)

In page 448, Column 1, line 5, against No. 142003—
for 'PLASTORON' read 'PLASTO-IRON'.

(6)

In page 448, Column 2, line 1, against No. 142005—
for '32A₂ F₂b' read
32A₂ & F₂b'.

(2)

In the Gazette of India, Part-III, Section 2, dated the 14th May 1977, in page 450, Column 2 under the heading
"Renewal Fees paid"

For 131521 and 131521

Inserts 131521 and 131596

(3)

In the Gazette of India, Part-III, Section-2, dated the 7th May, 1977 in page 431, Column 1, under the heading
"Renewal Fees paid"

After No. 120799 Insert 120817

and

in the same page in column 2

for 138262 read 136282.

(645)

(4)

In the Gazette of India Part-III, Section-2, dated the 7th May 1977 in Page No. 432, Column 2, in respect of Design No. 144835 under the heading "Registration of Designs"—
for Laughing Doll read Standing Doll.

(5)

In the Gazette of India, Part III, Section 2, dated the 21st May 1977, under the heading "COMPLETE SPECIFICATIONS ACCEPTED".

(1)

In page 458, column 2, line 1,
insert No. 142014.

(2)

In page 459, column 1, line 4, against No. 142016—
for 'MATERIALS' read 'MATRICES'

(3)

In page 461, column 2, line 6, against No. 142028—
for 'NOOR' read 'MOOR'

(4)

In page 462, column 1, line 7, against No. 142032—
for 'NEW DELRI-1, read 'NEW DELHI-1'

(5)

In page 462, column 2, line 11, against No. 142034—
for 'Patent Office, Calcutta' read 'Patent Office, Delhi Branch'

(6)

In page 464, column 1, line 2, against No. 142043—
for 'C7d 31/42' read 'C07d 31/42'

(7)

In page 464, column 2, line 2, against No. 142044—
for 'G01L 9/00' read 'G01-L 9/00'

(8)

In page 465, column 1, line 3, against No. 142046—
for 'FAMRIC' read 'FABRIC'

(9)

In page 465, column 2, line 1 & 2, against No. 142048—
for '32F₂b /62D' read '32F₂b & 62D'
for 'C01d 55/00' read 'C07d 55/00'

(10)

In page 466, column 2, line 2, against No. 142051—
for 'D01 11/00' read 'D01b 11/00'

(11)

In page 467, column 2, line 1, against No. 142057—
for '147C&EF' read '147C & E & F'

(6)

In the Gazette of India, Part III, Section 2, dated the 21st May, 1977 under the heading "Name Index"—

at page 470, column 1 under the heading "Name Index etc." in the 3rd line

for No. 27/Del/77 read No. 37/Del/77

for Ben Gurion University of the Navev read Ben Gurion University of the Negev.

at page 471, column 1

Against Hazemeijer B. V.

for No. 309/Cal/77 read No. 308/Cal/77

Against Institut Bbschei I Neorganicheskoi Khimii Akademii Nauk Belorusskoi SSR

for No. 293/Cal/77 read No. 294/Cal/77
for Instituto Chemioterapico Italians S.p.A.
read Instituto Chemioterapico Italiano S.p.A.
for Instytut Nanzow Sztucznych
read Instytut Nanzow Sztucznych.
for Aweka, M.G.O.
read Iweka, M.G.O.

at page 471, column 2

After Pfizer Inc.

for entry Palvare, F. 489/Cal/77
read Plasmesco A.G. 395/Cal/77

at page 472, column 2

Against Tsirkin, M.Z.

for No. 399/Cal/77.
read 339/Cal/77.

Against Westinghouse Electric Corpn.

for No. 369/Cal/77
read No. 367/Cal/77.

(7)

In the Gazette of India, Part III, Section 2, dated the 28th May 1977, under the heading 'COMPLETE SPECIFICATIONS ACCEPTED'—

(1)

In page 477, Column 1, line 8, against No. 142069—
for 'MALCOIM' read 'MALCOLM'

(2)

In page 479, Column 1, line 5, against No. 142078—
for 'PULJMAN' read 'PULLMAN'

(3)

In page 479, Column 2, line 1, against No. 142080—
for 'A process of preparing antitumor substances composed on'
read 'Application No. 584/Cal/74 filed March 18, 1974'

(4)

In page 480, Column 2, line 4, against No. 142088—
for 'IS OQUINOLINE' read 'ISOQUINOLINE'

(5)

In page 481, Column 1, line 3, against No. 142088—
for 'September 1975' read 'September 8, 1975'

(6)

In page 481, Column 2, line 5, against No. 142091—
for 'SALTS ND' read 'SALTS AND'

(7)

In page 486, Column 1, line 6, against No. 142110—
for 'TIRF OR' read 'TIRFOR'
and

delete line 11 and 12.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

23rd June, 1977

936/Cal/77. Nitto Boseki Co., Ltd. Curved orifice plate for forming glass fibres,

937/Cal/77. GNT Automatic A/S. A pushbutton arrangement.

938/Cal/77. Montedison S.p.A. Process for preparing 1-phenyl-3-amino-pyrazoles.

- 939/Cal/77. Montedison S.p.A. Water-insoluble yellow monoazo dyes.
- 940/Cal/77. Armco Steel Corporation. Shaft furnace for direct reduction of ores.
- 941/Cal/77. Halcon International, Inc. Ethylene oxide catalysis.
- 942/Cal/77. Maillefer S.A. Method and apparatus for manufacturing electric wire having wire-enamel-type insulation.
- 943/Cal/77. Maillefer S.A. and Dr. Beck & Co. AG. Method of manufacturing insulated electric wire of the enamelled-wire type by extrusion.
- 944/Cal/77. Tesa S.A. Micrometer head for internal measurement instrument.

24th June, 1977

- 945/Cal/77. M. Drori. Fluid flow control devices particularly useful for drip irrigation emitters.
- 946/Cal/77. Rotacrete Limited. Improvements relating to reciprocating pumps.
- 947/Cal/77. Egypt Gyogyszervegyeszet Gyar. Plant protecting agents and process for preparing their active compounds.
- 948/Cal/77. P. Gregorio. System of cinematographic printing and projecting which reduces the length of the film used.
- 949/Cal/77. Bayer Aktiengesellschaft. A process for stabilising natural and/or synthetic rubbers against degradation. [Divisional date September 25, 1976].
- 950/Cal/77. Dorr-Oliver Incorporated. Skimmer for square settling tank.
- 951/Cal/77. Schering Aktiengesellschaft. Herbicidally active carbamic acid esters and their manufacture and use.

25th June, 1977

- 952/Cal/77. BSC Consultants. ODSB Bearing.
- 953/Cal/77. G. C. Pedersen. Packing and separator medium. (July 2, 1976).
- 954/Cal/77. Metal Box Limited. Containers. (June 25, 1976).

27th June, 1977

- 955/Cal/77. Union Carbide Corporation. Process for lowering the sulfur content of vanadium-carbon materials used as additions to steel.
- 956/Cal/77. Fagersta Aktiebolag. Low-alloy, high-speed tool steel.
- 957/Cal/77. Monsanto Company. Process for preparing optically active catalyst. [Divisional date December 2, 1974].
- 958/Cal/77. Monsanto Company. Catalytic asymmetrical hydrogenation of acrylic acid derivatives. [Divisional date December 2, 1974].
- 959/Cal/77. O. J. F. Larsen. A system for depositing and protecting sediment on the floor of a body of water and a method of installing it. (June 28, 1976).
- 960/Cal/77. BASF Aktiengesellschaft. Sulfonamide trimethoprim solutions.
- 961/Cal/77. Siemens Aktiengesellschaft. Pulse-operable supply circuitry.
- 962/Cal/77. W. Lister. Rock-drilling bit for percussion hammers. (July 13, 1976).
- 963/Cal/77. The Tata Iron And Steel Company Limited. Cold rolled deformed reinforcement bars.
- 964/Cal/77. Klein, Schanzlin & Becker A.G. A tubular chamber feeder.
- 965/Cal/77. Toledo Pickling & Steel Service, Inc. Process for treating waste-acids and apparatus therefor.

- 966/Cal/77. Nitto Boseki Company, Limited. Bushing for apparatus for spinning glass fibres.

28th June, 1977

- 967/Cal/77. Vereinigte Österreichische Eisen- Und Stahlwerke-Alpine Montan Aktiengesellschaft. Equipment for removing dust particles from an air stream.
- 968/Cal/77. Pfizer Inc. Process for preparing a stable antibiotic composition. [Divisional date December 15, 1976].
- 969/Cal/77. O. M. Normark. Joint.
- 970/Cal/77. Ultra Centrifuge Nederland N. V. Processing installation consisting of one or more process vessels and comprising a temperature control system.
- 971/Cal/77. V. F. Gusev (2) G. N. Ivanov (3) G. I. Krengel (4) M. Z. Shagivaleev (5) A. U. Yarmukhametov., (6) V. Y. Kontarev (7) J. I. Schetinin, and V. Y. Kremlev. Microprogram control device.
- 972/Cal/77. Proizvodstvennoe Obiedinenie "Uralelektrotyazhmash". three-phase converting transformer.
- 973/Cal/77. A Jaudt. Adjusting device for the gland packing of a flat slide-valve.
- 974/Cal/77. Heavy Engineering Corporation Limited. Improvements in or relating to side discharge wagon tippler.
- 975/Cal/77. Mobil Oil Corporation. Selective ethylation of mono alkyl benzenes.
- 976/Cal/77. Nihon Sollan Chemical and Engineering Co. Ltd. Shoe soles and method for manufacturing the same.

29th June, 1977

- 977/Cal/77. Pont-A-Mousson S. A. Device or the tensile locking of pipe elements.
- 978/Cal/77. Societe Internationale DE Mechanique Industrielle S.A. Improvements in centrifugal pumps.
- 979/Cal/77. Bayer Aktiengesellschaft. A catalyst and a process for the production of nitrodiphenyl amines.
- 980/Cal/77. Proizvodstvennoe Obiedinenie "Uralelektrotyazhmash". Method of manufacturing transformer windings and winding made by said method.

APPLICATION FOR PATENTS FILED AT THE
(BOMBAY BRANCH)

13th June, 1977

- 188/Bom/77. M. I. Nagree. Improvement in or relating to electric foot operated bell switch (box).
- 189/Bom/77. Ahmedabad Textile Industry's Research Association. Resist print paste.
- 190/Bom/77. S. N. Palande. Paddy threshing machine.

14th June, 1977

- 191/Bom/77. Ahmedabad Textile Industry's Research Association. Improvement in or relating to the synthesis of 2, 3 : 4 6-di-o-isopropylidene-1-serbose.
- 192/Bom/77. H. K. Razdan. Improvements in or relating to hydraulic clicking machines.
- 193/Bom/77. K. D. Patel. Burners.

16th June, 1977

- 194/Bom/77. Apollo Diesels Private Limited. An attachment for internal combustion engines to regulate fuel timing thereof with simultaneous power pick-up.

17th June, 1977

195/Bom/77. Hindustan Lever Limited. Shampoo. (June 21, 1976).

18th June, 1977

196/Bom/77. Panickwer Kunnoth Gopinath and D. P. Banjara. Carbon bricks and blocks.

APPLICATION FOR PATENTS AT THE
(MADRAS BRANCH)

23rd June, 1977

108/Mas/77. Mrs. Paramasivan Nagarathinam. Improvement in or relating to account books.

24th June, 1977

109/Mas/77. S. V. Narayanan. Improvements relating to the device which supplies air in a domestic kerosene-oil stove with a tubular wick.

ALTERATION OF DATE

142568. 314/Bom/75.	} Ante-dated 23rd January, 1973.
142578. 400/Cal/75.	} Ante-dated 2nd December, 1974.
142581. 22/Cal/76.	} Ante-dated November 23, 1973.
142585. 1090/Cal/76.	} Ante-dated 25th June, 1974.
142586. 2154/Cal/76.	} Ante-dated 6th April, 1974.
142587. 2153/Cal/76.	} Ante-dated 6th April, 1974.
142589. 404/Bom/74.	} Post-dated 7th May, 1975.

COMPLETE SPECIFICATIONS ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classifications and International Classification respectively".

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Shankar Ray Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 172D.
Int. Cl.-D01h 7/08.

142554.

IMPROVEMENTS IN OR RELATING TO OPEN END
YARN SPINNING APPARATUS.

Applicant & Inventor: JOHN MICHAEL NOGUERA, OF 1 GREVILLE HOUSE, KINNERTON STREET, LONDON S.W. 1, ENGLAND.

Application No. 2105/Cal/74 filed September 21, 1974.

Convention date September 21, 1973/(44502/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An open end yarn spinning apparatus, wherein the member that includes the collecting surface that, in operation, is rotated whilst having deposited on it fibres to be spun into yarn includes a shaft which is rotationally supported by shaft-mounted rollers of substantially greater diameter than the diameter of the part of the collecting surface shaft engaged thereby, and wherein an opening rollers is mounted on a shaft of one of said shaft-mounted rollers to rotate therewith.

CLASS 206D.
Int. Cl.-H03k 1/00.

142555

RADIO-FREQUENCY PULSE GENERATION SYSTEM
AND METHOD.

Applicant: MFGAPULSE INCORPORATED, OF 8 PRESTON COURT, BEDFORD MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventor: PAUL ROMBERG JOHANNESSEN.

Application No. 2191/Cal/74 filed September 30, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims

A method of generating radio-frequency pulses of predetermined pulse shape, that comprises, generating one of a positive and negative half-cycle of radio-frequency current, generating the opposite half-cycle of such radio-frequency current, adjusting the timing of such generating to produce a resultant complete cycle of said radio-frequency applying said complete cycle to impulse-excite a network coupled to a load, and adjusting the network and load to provide a resultant transfer function characteristic yielding upon excitation by a cycle of said radio-frequency current a load pulse of substantially the predetermined pulse shape, the said complete cycle controlling the first half cycles of the leading edge of the load pulse current and the said network and load characteristic controlling the remaining half cycles thereof.

CLASS 129J.
Int. Cl.-B21f 25/00.

142556

IMPROVEMENTS IN OR RELATING TO A METHOD
OF COLD FORMING STEEL RODS AND A DEFORMING
ASSEMBLY THEREFOR.

Applicant: TETRACERO, S.A., OF FUENCARRAL 123, MADRID-10, SPAIN.

Inventor: BENJAMIN LOPEZ DE MANTEROLA.

Application No. 2481/Cal/74 filed November 11, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A deforming assembly for cold forming a steel rod, comprising a cylindrical member mounted for free rotation about a fixed axial element, the axial element having an axial bore through which the steel rod can pass, a plurality of roller members each mounted for free rotation on the cylindrical member such that the plane of rotation of each roller mem-

ber is inclined to the axis of rotation of the fixed axial member and such that the rollers form between them, opposite the axial bore, an aperture through which the rod can be drawn to be cold formed by the roller members.

CLASS 101F. 142557
Int. Cl.-E02b 3/10, E02d 17/00.

CONSTRUCTIONAL ELEMENT FOR BUILDING DYKES, EMBANKMENTS GROYNES OR UNDER-WATER WALLS.

Applicant & Inventor: MAURICIO PORRAZ JIMENEZ IABORA, OF GUTENBERG NO. 47 80. PISO MEXICO 5, D.F., MEXICO.

Application No. 2515/Cal/74 filed November 14, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A constructional element for building dykes, embankments, groynes or underwater walls, wherein the said element comprises a flexible generally closed bag provided with orifices fitted with valve means adapted to permit the escape of water, while retaining sand or like filling material confined within the bag.

CLASS 149A. 142558
Int. Cl.-E02d 5/10, 5/56.

FILE EXTRUDER.

Applicant: SPIROLI CORPORATION LTD., OF 385 DAWSON ROAD, WINNIPEG, MANITOBA, CANADA.

Inventor: ERNST MARTENS.

Application No. 785/Cal/75 filed April 18, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A pile extruding machine which is adapted to be mounted for movement along a pair of rails having a pallet therebetween, a plurality of longitudinally extending reinforcing wires supported above said pallet for incorporation into the pile formed by said machine, a source of power and a source of reinforcing wire mounted on said machine; said machine comprising in combination supporting framework, a feed hopper supported by said framework, a packing chamber extending rearwardly of and below said hopper, said hopper communicating with said packing chamber, means to feed concrete from said hopper into said packing chamber, a mandrel assembly mounted by one end thereof to said framework and extending rearwardly under the base of said hopper and through said packing chamber substantially concentrically therewith, coil guide means extending forwardly of the base of said hopper and concentric with said mandrel assembly, and a coil forming assembly mounted on said framework and connected to said source of power to form lengths of coils of reinforcing wire around said coil guide means.

CLASS 14A₃. 142559
Int. Cl.-H01m 27/04.

A SHEATH FOR TUBULAR ELECTRODES FOR ELECTRIC ACCUMULATORS.

Applicant: AKTIEBOLAGET TUDOR, OS S-172 81 SUNDBYBERG, SWEDEN.

Inventors: ERIK SUNDBERG AND ERIK WESTBERG.

Application No. 821/Cal/75 filed April 22, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

Sheath for tubular electrodes for electric accumulators, each tubular electrode consisting of a number of electricity-conducting bars connected with one another, surrounded by active material, which in turn is surrounded by an electrochemical inactive sheath, the sheath consisting of a fibrous inert material and on the outside of the latter of a thermoplastic material in the form of a net, perforated foil, or the like, and this fibrous material being pressed into the surface of the thermoplastic material facing it, so that the two layers are connected with each other, at least mechanically.

CLASS 29A. 142560
Int. Cl.-G06f 15/00.

STORED PROGRAM CONTROLLED TELECOMMUNICATION SYSTEM.

Applicant: TELEFONAKTIEBOLAGET L M ERICSSON, OF S-126 25, STOCKHOLM, SWEDEN.

Inventor: LARS-AKE EVERT LARSSON.

Application No. 1027/Cal/75 filed May 21, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

SPC (Stored Program Controlled) telecommunication system in which test points (TP), operating points (OP) and through a data bus (DB) to each other connected data storage registers (REG) are controlled by means of access signals (as) which are produced owing to control instructions identified by means of instruction address numbers, the execution of a control function consisting of a number in turn processed control instructions being opened by the aid of a start instruction address number associated with the first control instruction of the control function, the start instruction address number being stored in one of the data storage registers of the telecommunication system, characterized in that said data storage registers (REG) include a number of instruction registers (IR) containing one control instruction each and include at least one instruction address register (IAR) for storage of said instruction address numbers provided with a stepping input (ST) the activation of which causes that a stored address number is raised with one unit, and that said telecommunication system comprises at least one phase generator (PG) which produces time phase signals ($\phi 1$, $\phi 2$, $\phi 3$) which are used in order to divide each of the processing cycles of the control instructions in phases, and comprises at least one access signal generator (ASG) controlled by the time phase signals, the instruction address numbers and the control instructions, said access signals (as) being generated on the outputs of the access signal generator which includes a first logic arrangement (L_1) which decodes the content of the instruction address register during a time phase at the begin of the respective processing cycle and accesses the instruction register associated with the respective address number during the other time phases of the processing cycle, a second logic arrangement (L_2) by means of which said stepping input is activated during a time phase in the middle of each processing cycle, a third logic arrangement (L_3) which allows transfer of an instruction address number from one of the registers in the system to the instruction address register only during a time phase at the end of the processing cycles, and a fourth logic arrangement (L_4) with AND-function the inputs of which are activated during the time phase at the end of such a processing cycle which results in an access signal in order to access one of said test points (TP) and by the one binary state of this test point, and the output of which is connected to said stepping input (ST) in the instruction address register ϕ (IAR).

CLASS 5C. 142561
Int. Cl.-A01d 45/10.

IMPROVEMENTS IN SUGAR CANE HARVESTERS.

Applicant & Inventors: LAURENCE MIZZI, OF BRAEMEADOWS, INGHAM, QUEENSLAND, AUSTRALIA.

Application No. 1134/Cal/75 filed June 7, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A sugarcane harvester including :

a wheel-mounted main frame, a base cutter on the main frame for cutting cane stalks at or near to ground level as the harvester advances, a chopping cutter housing on the main frame, a cane inlet to the said housing, a conveyor on the main frame for conveying cane stalks cut by the base cutter through the cane inlet to the said housing, a rotary chopping cutter in the said housing for chopping billets from cane fed through the can inlet, by the conveyor, an elevator on the main frame, a cane outlet from the lower part of the housing to discharge cane billets gravitationally to the elevator, a trash outlet from the said housing, air inlets to the said housing, and a trash extractor fan connected to the trash outlet, for drawing air through the air inlets past cane billets passing within the housing from the chopping cutter to the cane outlet, to convey trash from the cane through the trash outlet.

CLASS 65B, 152562
Int. Cl.-H02h 7/04.

ADJUSTABLE TRANSFORMER.

Applicant : INSTITUT ELEKTROSVARKI IMENI E.O. PATONA AKADEMII NAUK UKRAINSKOI SSR., OF KIEV, ULITSA GORKOGO 69, U.S.S.R.

Inventors : VLADIMIR KONSTANTINOVICH LEBEDEV, VLADIMIR ALEXANDROVICH TROITSKY AND SEMEN AREFIEVICH KALINNIKOV.

Application No. 1342/Cal/75 filed July 9, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

An adjustable transformer comprising a core with two yokes and limbs, primary and secondary power windings, one of which having an adjustable part of turns, at least one of the transformer yokes being made of at least two parallel-connected controlled magnetic circuits forming an additional transformer opening making room for housing said adjustable part of turns of the power winding, whereas each parallel-connected magnetic circuit being provided with bias windings connected to the control network and ensuring a magnetic switching of the adjustable part of turns of the power winding said switching being a movement of said adjustable part of turns in and out of the transformer open-circuit magnetic flux field.

CLASS 186A, 142563
Int. Cl.-G01r 27/28.

IMPROVEMENTS IN OR RELATING TO ELECTRICALLY CONTROLLABLE ATTENUATION ELEMENTS FOR V. H. F. CIRCUITS.

Applicant : SIEMENS AKTIENGESellschaft, OF BERLIN AND MUNICH, GERMANY (WEST).

Inventors : BERND SOMMER.

Application No. 1755/Cal/75 filed September 12, 1975.

Convention date May 2, 1975/(18364/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An electrically controllable attenuation element for v.h.f. circuits, in which a substantially constant surge impedance is presented within given frequency and regulating ranges, said attenuation element comprising at least one bridged T-element with respective electronically controllable regulating impedances in a shunt arm and a bridge arm, one of said two regulating impedances being connected via a transmission line transformer whose electrical length is an odd-number multiple of quarter-wavelengths at the mean operating wavelength said two regulating impedances being of equal magnitude and subjected to control in the same sense during operation.

CLASS 40F,
Int. Cl.-F26b 1/00.

142564

IMPROVEMENTS IN DRYING APPARATUS FOR PARTICULATE MATERIALS.

Applicant & Inventor : CHARLES CARL SHIVERS, OF 614 WEST ENGLISH, CORYDON, IOWA 50060, UNITED STATES OF AMERICA.

Application No. 270/Cal/76 filed February 16, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A drying apparatus for particulate materials wherein a horizontal layer of uniform thickness of a free flowing particle material is moved along the bottom wall of a circular storage bin toward the centre of the bin, the improvements being characterized by : a sweep auger extended radially of the bin having a shaft; auger rotating means for rotating said auger horizontally on said bottom wall about a vertical axis located centrally of the bin; a pair of auger flights of like diameter secured to said shaft having adjacent helices spaced axially of said shaft, one of said flights having a constant pitch and the other of said flights having a variable pitch; and cover means connected to said adjacent helices to close the space therebetween over the length of said flights; said pair of flights relatively formed and arranged on said shaft to form a composite flight having adjacent helices of progressively decreasing thickness inwardly of the shaft to provide axially extended sections such that as the auger is horizontally rotated, any given one of said sections has the capacity to move in-wardly of the auger all of the particle material picked up by the sections located outwardly from said given section, to move said horizontal layer of material of uniform thickness by said composite flight toward the centre of the bin during each revolution of horizontal rotation of the auger.

CLASS 27G & I, 142565
Int. Cl.-E02d 17/08.

SHEETING-PLATE FOR TRENCH SHEETING.

Applicant & Inventor : JOSEF KRINGS, OF D 5138, HEINSBERG OBERBRUCH, HANS-BOCKLER-STRASSE 3, GERMAN FEDERAL REPUBLIC.

Application No. 2037/Cal/75 filed October 21, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

In a sheeting-plate for trench sheeting of the type comprising first and second upstanding cover plates, spacers extending between said cover plates and maintaining said cover plates in spaced generally parallel relation, and reinforcing members extending vertically between said cover plates and transversely through said spacers, the improvement comprising at least one of said cover plates being folded out of the plane thereof to form a plurality of laterally extending webs, said webs forming said spacers and securing means securing said webs to an inner surface of the other of said cover plates.

CLASS 80J, 142566
Int. Cl.-B01d 39/10.

TUBEWELL STRAINER OR FILTER.

Applicant & Inventor : BIREN DAS GUPTA, 19, SHYAMA PALLI, CALCUTTA-32, WEST BENGAL, INDIA.

Application No. 2107/Cal/76 filed November 25, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

Tube well strainer or filter comprising a vertically disposed cylindrical or tubular frame consisting of a plurality of zinc coated steel flats or pipes whose top end is welded or rivetted to the inner wall of a threaded socket and the bottom end

to the inner wall of a threaded short nipple, a series of spaced steel pipes rings placed and welded to the inner surface of the tubular frame of zinc coated steel flats or pipes characterised by that the said tubular or cylindrical frame of zinc coated steel flats or pipes are encircled by a series of permeable or percolation cylinder blocks of polyethylene placed one above the other, and a circular flange welded on the outer wall of the threaded short nipple, wherein each such cylinder block is made of flat-faced rings of rectangular cross section of high density polyethylene and wherein the width of the face of each flat-faced ring is not more than 3 mm. and the clearance between any two consecutive rings is 0.07 to 0.50 mm.

CLASS 155F, & F_a. 142567

Int. Cl.-A01n 13/00, B65b 55/00.

A PROCESS FOR THE TREATMENT OF PAPER OR BOARD.

Applicant: HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165-166, BACKBAY RECLAMATION, BOMBAY-20, MAHARASHTRA, INDIA.

Inventor: GOVINDAN VELAYUDHAN NAIR.

Application No. 365/Bom/74 filed October 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims. No drawings

A process for the treatment of paper or board to render the same fungicidal or fungistatic which comprises applying to the paper or board a composition having a non-substantive water-soluble anti-fungal compound as an essential ingredient characterized in that the said composition also includes as binder a water soluble rosin acid salts as herein described capable of fixing the fungicide or fungistat to the paper or board and preventing its encrustation thereof from the paper or board.

CLASS 32E, & 40B. 142568
Int. Cl.-B01j 11/06, 11/16.

A PROCESS FOR PREPARING A SUPPORT-MATERIAL.

Applicant: HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165-166, BACKBAY RECLAMATION, BOMBAY-400020, INDIA.

Inventor: UNILEVER LIMITED & ANDRIEN GEORGE HINZE.

Application No. 314/Bom/75 filed 12ZBfd

Convention date January 25, 1972/(3426/72) U.K.

Division of Application No. 32/Bom/73 filed January 23, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

17 Claims

A process for preparing a modified support-material as herein-before described in which in an ion-exchange resin the percentage of active sites readily accessible (as herein defined) to large molecules is increased by at least 10% by treatment with base or acid.

CLASS 127-I. 142569
Int. Cl.-F16c 13/00.

RESILIENT DRIVING CONNECTION.

Applicant: S. R. M. HYDROMEKANIK AB., OF BOX 16, STOCKHOLM-VALLINGBY 1, SWEDEN.

Inventor: KARL GUSTAV AHLÉN.

Application No. 704/Cal/74 filed March 29, 1974.

Convention date March 30, 1973/(15457/73), U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims

A resilient driving connection for use between a driving part and a driven part characterised in that resilient material formed in such a way that different areas of contact surface are obtained for different forces transmitted and that resilient is different in the two driving directions, wherein each of the driving and driven part including a plurality of groups of circumferentially spaced driving surfaces and each group including a pair formed on the respective parts and with the surfaces of each said pair being parallel to one another and located in planes which are substantially parallel to radial planes passing through the axis of rotation of the parts, a sleeve or coating of resilient material disposed between each pair of said surface and constituting a direct connection therebetween and means for prestressing the resilient member in the normal direction of drive through the coupling.

CLASS 90C & I. 142570
Int. Cl.-C03c 27/12.

A METHOD AND AN APPARATUS FOR FORMING LAMINATED GLASS ASSEMBLY OR SHEET MATERIAL INCLUDING WINDOWS FOR VEHICLES.

Applicant: TRIPLEX SAFETY GLASS COMPANY LIMITED, OF 1 ALBEMARLE STREET, PICCADILLY, LONDON, W.1., ENGLAND.

Inventors: JOHN PICKARD, RICHARD MELLING AND ARTHUR JOSEPH NOBBS.

Application No. 1216/Cal/74 filed June 4, 1974.

Convention date June 4, 1973/(26480/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims

A method of forming a laminated glass assembly comprising two glass sheets with an interlayer of thermoplastic transparent plastics material between the sheets, which method comprises assembling two glass sheets with an interlayer of thermoplastic transparent plastics material between them, heating the assembly to an elevated temperature at which the interlayer becomes adhesive and maintaining the assembly for a period at said elevated temperature whilst subjecting the major faces of the glass sheets to a pressure for a period such that the glass sheets and plastics interlayer become fully bonded together and cooling the assembly after bonding has occurred, the pressure at the exposed periphery of the interlayer being controlled so as to be maintained a required amount below that applied to the faces of the sheets for at least part of the period while the assembly is maintained at said elevated temperature.

CLASS 129G & 136E. 142571
Int. Cl.-B31d 3/00, B21d 47/00.

IMPROVEMENTS IN OR RELATED TO PRODUCTION OF SOLUBLE GRANULES USED IN MAKING CELLULAR METAL.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-1, INDIA.

Inventors: SAMARENDRA KUMAR SINHA AND GUNDURAO NAGARAJA RAO.

Application No. 1549/Cal/74 filed July 11, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

4 Claims

A process for the production of soluble granules for manufacture of cellular metal which consists of the following steps :—

- (i) crushing, grinding and milling of the soluble material used for manufacture of cellular metal, as herein described to obtain—100 mesh fine powder.
- (ii) the soluble material is then rolled in a rotating drum or an inclined disc with a spray of water by means of a nozzle,
- (iii) the size of the granules is controlled by adding the material in powder form and adjusting the time of rotation, 15 to 20 minutes, and
- (iv) the granules are then dried in an oven (before use for the production of cellular metal).

CLASS 32E & 104F.
Int. Cl.-C08g 51/22, 51/26.

142572

A PROCESS FOR THE MANUFACTURE OF POLYMERISED PRODUCTS SUITABLE FOR USE AS PROCESSING AID FOR NATURAL AND SYNTHETIC RUBBER FROM CASHEW NUT SHELL LIQUID.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-1, INDIA.

Inventors : BISWANATH BANERJEE, NITTUR PATABHIRAMAYYA SURYANARAYANA AND CHANDRASEKHAR SHANKAR INAMDAR.

Application No. 1594/Cal/74 filed July 17, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims

A process for the production of polymerized products from cashew nut shell liquid (CNSL) suitable for use as processing aid for natural and synthetic rubber which consists in predrying of the cashew nut shell liquid, then mixing a catalyst in the dried CNSL followed by polymerizing the mixture characterised in that the catalyst used consists of stannic chloride, boron trifluoride, titanium tetrachloride or sulphuric acid (in this case the catalyst is diluted with alcohol or acetone prior to the addition to CNSL), followed by finally washing off the catalyst after polymerization and drying the polymer.

CLASS 32E.
Int. Cl.-C08f 25/00, C08g 17/00.

142573

PROCESS FOR THE PREPARATION OF VESICULATED POLYMER BEADS.

Applicant : DULUX AUSTRALIA LTD., OF 1, NICHOLSON STREET, MELBOURNE, VICTORIA, AUSTRALIA.

Inventors : RAYMOND HARRY GUNNING AND FREDERICK JOHN LUBBOCK.

Application No. 2219/Cal/74 filed October 4, 1974.

Convention date October 4, 1973/(PB5101/73) AUSTRALIA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings

A process of preparing pigmented vesiculated polyester resin granules by

(1) forming a dispersion of pigment in water containing a non-flushing pigment dispersing agent, such as herein described,

(2) emulsifying the pigment dispersion so-prepared into a solution of a carboxylated unsaturated polyester resin in polymerisable monomer in the presence of a water-soluble

polyamine which has a dissociation constant in water (pKa) value of 8.5—10.5 and which contains at least three amine groups selected from primary, secondary and tertiary amine groups at a concentration providing 0.3 to 1.4 amine groups per carboxyl group of the unsaturated polyester resin and with sufficient mechanical agitation to reduce the size of the disperse particles to below one micron,

(3) dispersing the above emulsion in the form of discrete globules in an aqueous continuous phase comprising a solution in water of a colloidal stabiliser for the dispersion such as herein described and a water-soluble thickening agent such as herein described with continuous mechanical agitation, the intensity of which is limited to lie below the threshold at which growth by coalescence of the disperse globules so-formed takes place.

(4) initiating and activating co-reaction of the unsaturated polyester resin as herein described and polymerisable monomer with simultaneous control of mechanical agitation to a level below the critical shear rate as hereinabove defined at least until a sample of the curing granules is insoluble in methyl ethyl ketone, and

(5) continuing agitation until curing of the granules is essentially completed as determined by a maximum free polymerisable monomer level of 0.5% by weight.

CLASS 32E.
Int. Cl.-C08g 9/10.

142574

PROCESS FOR PREPARING UREA-FORMALDEHYDE RESIN BEADS.

Applicant : DULUX AUSTRALIA LTD., OF 1, NICHOLSON STREET, MELBOURNE, VICTORIA, 3001 AUSTRALIA.

Inventors : RAYMOND HARRY GUNNING AND FREDERICK JOHN LUBBOCK.

Application No. 2220/Cal/74 filed October 4, 1974.

Convention date October 4, 1973/(PB5102/73) AUSTRALIA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings

A process of preparing beads of urea-formaldehyde resin in which an aqueous urea-formaldehyde convertible syrup which has a solids content of at least 65% by weight and a mol ratio of formaldehyde to urea of 1.9—2.3 to 1 is dispersed in the form of globules in a hydrocarbon liquid in the presence of a stabiliser for the dispersion as hereinbefore defined and from 0 to 15% by weight of the continuous phase of a polymeric thickener as hereinbefore defined therefor, converting the disperse syrup globules to hard polymer by adding a catalyst for the curing reaction and then azeotropically stripping water from the system to give an anhydrous slurry of beads in hydrocarbon liquid.

CLASS 185B & C.
Int. Cl.-C12b 1/10.

142575

AUTOMATIC FERMENTATION SADDLE FOR USE IN TEA FERMENTING TROUGHS.

Applicant & Inventor : CHONG MIN HO, C/O C.M. HO & CO., MAKUM JUNCTION P.O. & T.O., ASSAM, INDIA.

Application No. 181/Cal/75 filed January 29, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An automatic fermentation saddle for use in tea fermenting troughs comprising a saddle body having an upper air outlet and a lower air inlet and a valve at said lower air inlet which controls the air flow volume through said lower air inlet when a fermenting container is positioned on said saddle,

CLASS 194C.

142576

Int. Cl. H01j 29/46.

APPARATUS FOR GENERATING ULTRAVIOLET RADIATION OF HIGH SPECTRAL RADIANCE.

Applicant : BBC BROWN, BOVERI & COMPANY LIMITED, OF BADEN, SWITZERLAND.

Inventors : ROBERT BACHMANN, PIETER BEARDA, GEROLD BRANDLI, RUDOLF RIEDER AND WALTER STÖDLE.

Application No. 135/Cal/75 filed January 22, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims

Apparatus for generating ultraviolet radiation of high spectral radiance whereby the radiation is produced in a discharge tube filled with mercury/argon and having a thermoemissive cathode and a discharge space by means of a wall-stabilised direct-current gas discharge at a mercury pressure pHg of between 5×10^{-2} and 5×10^{-1} Torr and a current density j of the discharge current I of between 1 and 25 A/cm², in which — the discharge tube (1) incorporates a pressure-equalising space (4) connecting the cathode space (2) to the anode space (3) whereby the sum of the volumes of the cathode space (2), anode space (3) and pressure-equalising space (4) is greater than the volume of the discharge space (5), — the pressure of the argon is between 0.01 and 10 Torr, and — a first control element (6) is provided which regulates the current density j of the discharge current I to a constant value j_0 between 1 and 25 A/cm², and — a second control element (7) is provided which regulates the pressure pHg of the mercury to such a value that the yield η of the line of wavelength 2537 Å, i.e. the ratio of the spectral radiation

power for the wavelength $\lambda_0 = 2537$ Å to the electrical power stored in the discharge, is at least 80% of the maximum yield π_{\max} for the chosen current density j_0 .

CLASS 64B.

142577

Int. Cl. H01r 31/06.

AN ADAPTOR FOR ELECTRICAL CURRENT SUPPLY INSTALLATIONS.

Applicant : ROTAFLEX (GREAT BRITAIN) LIMITED, OF ROTAFLEX HOUSE, 241, CITY ROAD, LONDON EC1P 1ET, ENGLAND.

Inventor : ROBERT HERITAGE.

Application No. 341/Cal/75 filed February 22, 1975.

Convention date February 27, 1974/(8986/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

An adaptor for use in electric current supply installations of the continuous outlet type including a track which houses supply conductors, and adaptors which can be inserted at different positions along the track, the adaptor comprising a housing, contact fingers movably mounted on the housing for engagement and disengagement with respective track conductors, terminal means for connection with an appliance lead, and attachment means for supporting an appliance, wherein the contact fingers are mounted in a contact unit comprising the said housing and the terminal means and attachment means are mounted on a second unit which is releasably interengageable with the contact unit, the two units having co-operating contact means which provide electrical continuity between the contact fingers and the terminal means in the interengaged position of the two units.

CLASS 29A & 67C.

142578

Int. Cl. G06f 1/00.

A BINARY DATA PROCESSOR.

Applicant : BURROUGHS CORPORATION, AT BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

2—177G1/77

Inventors : ROBERT STANLEY BARTON, ALAN LYNN DAVIS, ERWIN ARTHUR HAUCK, DON MARTIN LYLE, LLOYD DRAYTON TURNER, JOHN RICHARD WARNER, GARY WESLEY HODGMAN AND MICHAEL HERODSTAF MISSIOS.

Application No. 400/Cal/75 filed March 3, 1975.

Division of Application No. 2662/Cal/74 filed December 2, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

A binary data processor system, comprising : data storage means containing data files therein structured in a hierarchical nested order; and input circuit means for receiving data files structured in a hierarchical nested order, said received data files causing the addressing of certain of the data files in said data storage means.

CLASS 157D.

142579

Int. Cl. E01b 11/00.

ELECTRICALLY INSULATED RAIL JOINT.

Applicant : ELEKTRO-THERMIT GMBH., OF 65, GERLINGSTRASSE, 43, ESSEN, WEST GERMANY.

Inventor : DR. HANS GUNTERMANN.

Application No. 1587/Cal/75 filed August 14, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

An electrically insulated rail joint consisting of an end post for use between the meeting ends of the rails, insulators, prefabricated insulating fishplates, high-strength bolts with nut and washer and a mortar filling the spaces between the fishplates and ends of rails.

CLASS 66B.

142580

Int. Cl. C06d 1/00.

IMPROVEMENTS IN OR RELATING TO TORCH.

Applicant & Inventor : VILAS ANANDRAO KALE, OF 8, KALIDAS PATITUNDI LANE, KALIGHAT, CALCUTTA-700026, STATE OF WEST BENGAL, INDIA.

Application No. 2113/Cal/75 filed November 4, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A torch comprising a container, a cell housed within the container, a bulb located at one end of the container, the stem of the bulb being held by a coiled spring and spaced from the cell by means of said coiled spring, said coiled spring embracing the outside wall of the cell which is either a positive or a negative contact member of the cell characterized by the provision of a plug with a bore fitted at the opposite end of the container, a plunger slidably engaging the bore of said plug, one end of the plunger being disposed outside the container, the inner end of the plunger having a disc held against the base of the cell, said disc being of larger diameter than the bore of the plug so that by pushing the plunger, the cell moves forward and the other terminal of the cell contacts the tip of the bulb to establish both positive and negative contacts of the cell with the bulb to light the bulb, means provided for retaining the plunger in pressed position said means e.g. comprising a strip of spring metal fitted to the plunger rod at its exposed end, said strip being bent to have an inclined face so that when the plunger is pushed into the container the said inclined face slips into the container and is locked within a recess inside the plug.

CLASS 32F, & F.a & F.b.

142581

Int. Cl.-C07c 57/06, C07d 101/00.

PROCESS FOR PREPARING KETOPHOSPHONATES.

Applicant: PFIZER INC., OF 235 EAST 42ND STREET, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

Inventors: HANS-JURGEN ERNST HESS, AND THOMAS KEN SCHAAF.

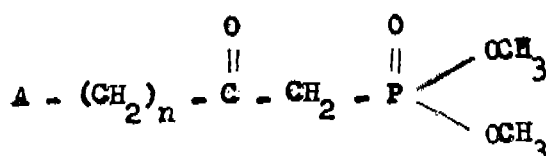
Application No. 22/Cal/76 filed January 2, 1976.

Division of Application No. 2583/Cal/73 filed November 23, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for preparing a compound of the structure :



wherein A is cycloalkyl of from three to ten carbon atoms, 1-adamantyl, 2-norbornyl, 2-(1, 2, 3, 4-tetra-hydronaphthyl), 2-indanyl or substituted 2-indanyl wherein said substituent is halo, trifluoromethyl, alkyl of 1 to 4 carbon atoms or alkoxy of 1 to 4 carbon atoms ;

n is an integer from 0 to 5 ;

characterized by reacting a alkyl of 1 to 4 carbon atoms, ester of the formula :



A-(CH₂)_n-C-O-alkyl of 1 to 4 carbon atoms

wherein A and N are as defined above, with dimethyl methyl-phosphonate.

CLASS 101F.

142582

Int. Cl.-E02b 7/00.

METHOD FOR CONNECTING AT LEAST ONE SUBMARINE PIPELINE TO A WEIGHT-PLATFORM.

Applicant: SEA TANK CO. OF 21 RUE DU PONT DES HALLES, CHEVILLY-LARUE, FRANCE AND OCEANIC CONTRACTORS INC., OF VIA ESPANA 120, APARTADO POSTALE 1450, PANAMA CITY, PANAMA.

Inventors: MARCEL GERBAULT AND ROBERT GAIR.

Application No. 197/Cal/76 filed February 3, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A method for connecting a sub-marine pipeline to a riser pipe in a hollow concrete base of an offshore structure, said riser pipe extending along a substantially vertical hollow column and being connected to a work platform mounted on the base by means of one or more of said columns, the method comprising the sequential steps of :

—inserting the pipeline into the base through a submerged passage communicating with the interior and exterior of the hollow base up to the foot of said hollow column, sealing the passage by means of annular inflatable seals located around the pipeline in the passage, draining the water from said column and associated part of the base, joining the pipeline

to the riser pipe while both are in air, refilling said column and said associated part of the base so as to ensure a balance of pressures on either side of the passage, breaking the sealing of the passage, releasing the pipeline in the passage so as to enable relatively free movement of the pipeline in the passage without stress.

CLASS 32F.

142583

Int. Cl.-C07c 169/26, 169/30, 169/34.

METHOD FOR PREPARING 17 α ESTER-21-HALO PREGNANES.

Applicant: TAISHO PHARMACEUTICAL CO. LTD., OF 34-1, TAKATA 3-CHOME, TOSHIMAKU, TOKYO 171, JAPAN.

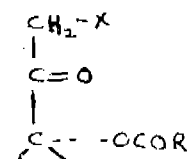
Inventors: YOSHIKAMI KAMANO, KAZUHIKO MICHISHITA, TERUYA SEKI AND ICHIRO TANAKA.

Application No. 563/Cal/76 filed March 31, 1976.

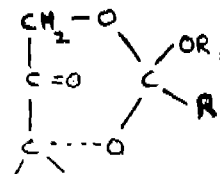
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A method for preparing 17 α -ester-21-halo pregnane having at the 17, 20 and 21 positions the structure (I).



wherein R is selected from the group consisting of alkyl containing 1 to 9 carbon atoms, cycloalkyl containing 4 to 6 carbon atoms, phenyl and aralkyl, and X is halogen, which comprises reacting 17 α , 21-hydroxy pregnane having at the 17, 20 and 21 positions the structure (II).



wherein R₁ is lower alkyl and R is defined above, with a halo compound selected from the group consisting of silyl halide, acyl halide, phosphorus oxyhalide, sulfonyl halide, N-haloimide, N-haloamide and phosphorus pentahalide in the presence of an organic polar solvent selected from the group consisting of dimethylformamide, N-methyl-pyrrolidone, hexamethylphosphoric triamide, dimethylsulfoxide and a mixture of the organic polar solvent and an organic non-polar solvent.

CLASS 55E₉ & E₁.

142584

Int. Cl.-C07c 51/52.

PROCESS FOR THE PREPARATION OF ERTHROMYCIN DERIVATIVES.

Applicants: THE REGISTRAR, JADAVPUR UNIVERSITY, 2. DR. SADHAN KUMAR DUTTA, READER, PHYSICAL PHARMACY, DEPTT. OF PHARMACY, 3. SANAT KUMAR BASU, LECTURER OF PHARMACEUTICAL, DEPTT. OF PHARMACY, AIL OF JADAVPUR UNIVERSITY, CALCUTTA-700032, WEST BENGAL, INDIA.

Inventors: DR. SADHAN KUMAR DUTTA AND SANAT KUMAR BASU.

Application No. 638/Cal/76 filed April 14, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

Process for preparing Erythromycin aldobionate which comprises converting an alkali metal salt of aldobionic acid into aldobionic acid by passing an aqueous solution of an alkali metal salt of aldobionic acid through cationic exchangers such as herein described, neutralizing the obtained aldobionic acid with an equivalent amount of Erythromycin base to obtain a solution containing Erythromycin aldobionate and finally recovering the Erythromycin Aldobionate from the said solution.

CLASS 24B & E. 142585
Int. Cl.-E16d 65/00.

IMPROVEMENTS RELATING TO SHOE-DRUM BRAKES.

Applicant : GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, ENGLAND.

Inventor : HUGH GRENVILLE MARGETTS.

Application No. 1090/Cal/76 filed June 19, 1976.

Convention date July 5, 1973/(32125/73) U.K.

Division of Application No. 1407/Cal/74 filed June 25, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

An internal shoe-drum brake incorporating an adjuster for automatically adjusting the off position of a shoe wherein the adjuster comprises a strut pivotally mounted with clearance on the web of the shoe and interposed between a knurled disc fixed to the web and a post fixed in the stationary back-plate of the brake, the outer end of the strut being arcuate and formed with teeth for co-operation with the knurled disc, and the post of the back-plate passing with clearance through an arcuate slot in the strut offset from the pivot of the strut, the strut being resiliently urged into engagement with the knurled disc and the location and form of the arcuate slot being such that if the outward movement of the shoe in the application of the brake exceeds a predetermined value the clearance between the post and the slot is taken up, the knurled disc is disengaged from the strut, and the strut is moved angularly, whereby on release of the brake the return movement of the shoe is reduced to take up wear of the shoe lining.

CLASS 131B. 142586
Int. Cl.-E21c 19/00.

DUAL CONCENTRIC DRILL PIPE.

Applicant : BAKERDRILL, INC., OF S.C. 57, 1 MILE SOUTH OF 1-85, SPARTANBURG, SOUTH CAROLINA 29301, UNITED STATES OF AMERICA, (POST OFFICE BOX 6130—SPARTANBURG S.C. 29301).

Inventors : ALFRED RONALD CURINGTON AND THEODORE JAMES ROSCOE, JR.

Application No. 2154/Cal/76 filed December 3, 1976.

Division of Application No. 784/Cal/74 filed April 6, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A dual concentric drill pipe for continuously taking core samples from the bottom of a bore hole while drilling progresses; comprising inner and outer pipe sections defining an annular space therebetween, said outer pipe section having opposite ends provided with tool joints adapted to be connected to adjacent corresponding outer pipe sections, said inner pipe section having at one end a cylindrical section and at the other end telescopic coupling means frictionally engageable with the cylindrical end of an adjacent inner pipe section, and means resiliently centralizing said inner pipe sec-

tion in said outer pipe section; said centralizer means comprising an elastomeric element, said element including a cylindrical sleeve mounted on said inner pipe section and circumferentially spaced ribs extending from said sleeve and frictionally engaging said outer pipe section, and means engaging said inner pipe section and the ends of said sleeve to axially compress said sleeve and retain said sleeve in a compressed condition on said inner pipe section.

CLASS 131B. 142587
Int. Cl.-E21c 13/00.

SWIVEL FOR CORE DRILLING.

Applicant : BAKERDRILL, INC., OF S.C. 57, 1 MILE SOUTH OF 1-85, SPARTANBURG, SOUTH CAROLINA 29301, UNITED STATES OF AMERICA, (POST OFFICE BOX 6130—SPARTANBURG S.C. 29301).

Inventors : ALFRED RONALD CURINGTON AND THEODORE JAMES ROSCOE, JR.

Application No. 2153/Cal/76 filed December 3, 1976.

Division of Application No. 784/Cal/74 filed April 6, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A swivel for use in core drilling a bore hole : comprising a stator having a discharge chamber extending circumferentially therearound, a rotor rotatable in said stator and having a first passage extending from its upper end to its lower end through which drilling fluid under pressure may be forced for effecting drilling of the bore hole, said rotor having a second passage extending from the lower end of said rotor to said chamber in communication with said chamber for receiving core material formed by the drilling operation and discharging the material into said chamber, the lower portion said second passage being coaxial of said rotor, the upper portion of said second passage being inclined from said lower portion to communicate with said chamber, said rotor having inner connecting means at the lower portion of said rotor and coaxial therewith for connection with an inner pipe from which the core material discharges into said lower portion of said second passage, said rotor having outer connecting means at the lower portion of said rotor and coaxial therewith for connection with an outer drill pipe surrounding the inner pipe, whereby when an outer drill pipe is attached to said inner connecting means and an inner drill pipe is attached to said outer connecting means to form a space therebetween said drilling fluid discharges from said first passage into the space, and means at the upper portion of said rotor and coaxial therewith for connection to apparatus for rotating said rotor and the inner and outer pipes adapted to be connected thereto.

CLASS 69B. 142588
Int. Cl.-H02h 3/00.

A CIRCUIT FOR PROTECTING ELECTRICAL APPARATUS FROM SHORT CIRCUIT OR OVERLOAD FAULTS.

Applicant : DEOKE NANDA SINGHANIA, C/O M/S SICO ELECTRIC SHOCK CONTROL DEVICE PRIVATE LIMITED, PLOT NO. 78, SECTOR NO. 6, FARIDABAD, (HARYANA), INDIA.

Inventor : HARBAJAN SINGH.

Application No. 132/Cal/76 filed July 23, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A circuit for protecting electrical apparatuses from short circuit or overload faults comprising inductively coupled signal pick up means for a signal phase or for each phase, a first responsive means adapted to receive a signal voltage from

said signal pick up means and being in an actuated state only when the current to the apparatus exceeds a first predetermined limit, said first responsive means connected to a switching circuit, a second responsive means adapted to receive a signal voltage from said inductively coupled signal pick up means and being in an actuated state only when the current to the apparatus exceeds a second predetermined limit and which is lower than that of said first level, said second responsive means connected to the switching circuit through a time delay circuit to provide a delay in the actuation of said switching circuit.

CLASS 53A & 160B.
Int. Cl.-B62h 7/00.

142589

A DEVICE FOR TRANSPORT OF GOODS OR PASSENGERS ATTACHABLE TO COMMON CONVENTIONAL BICYCLE.

Applicant & Inventor : DR. SHANTILAL KESHAVILAL SANGHANI, C/O PUSHPABAN M. DOSHI, BLOCK NO. 207, VEENA VIHAR, SION FLANK ROAD, BOMBAY-22, MAHARASHTRA, INDIA.

Application No. 404/Bom/74 filed November 20, 1974.
Post-dated May 7, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims

A device for transport of goods or passengers comprising a carrier or the like, seated on springs which are supported on an axle having a rotatable wheel fitted at each end, a conventional bicycle and means for coupling the said carrier to the said bicycle including a clamp for easily attaching and detaching the said carrier to the said bicycle.

CLASS 67C.
Int. Cl.-G01n 29/00.

142590

NORMAL BEAM PROBE FOR ULTRASONIC NON-DESTRUCTIVE TESTING.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventors : DR. VISHWA NATH BINDAL AND MR. VINOD GOGIA.

Application No. 1193/Cal/74 filed May 31, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims

A normal beam probe for ultrasonic non-destructive testing and distance measurement comprising a piezoelectric transducer disc placed in a casing, a connector connecting the piezoelectric transducer disc to the transmitter of an ultrasonic flaw detector unit and layers of backing material fixed on the back side of the transducer disc characterized in that the piezoelectric transducer disc is mounted on a shim made of a wear-resistant material such as acrylic plastic, epoxy resin, or metal which saves the piezoelectric transducer disc from direct wear and tear.

CLASS 37B.
Int. Cl.-B01d 21026.

142591

SELF-PURGING CENTRIFUGE.

Applicant : DONALDSON COMPANY, INC., AT 1400 WEST 94TH STREET, MINNEAPOLIS, MINNESOTA, UNITED STATES OF AMERICA.

Inventor : DENIS JAMES DUDREY.

Application No. 1315/Cal/74 filed June 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

A self-purging centrifuge comprising : a drum mounted for rotation on a substantially vertical axis, said drum having means for introducing therein a fluid containing solid particles, means for discharging clarified fluid after separation of said particles and means for discharging the separated particles; a rotor inside the drum and mounted for coaxial but independent rotation therewith, the periphery of the rotor being spaced apart from the interior surface of the drum where particles removed by operation of the centrifuge are deposited; and means to provide an abrupt change in the relative angular velocity between said interior surface of the drum and the periphery of the rotor such that said particles deposited on the interior surface of the drum are removed from it under the influence of the resulting change in motion of fluid in the drum.

CLASS 56D.
Int. Cl.-B01d 1/00, B01d 2/00.

142592

A NOVEL DEVICE FOR EVAPORATING SILICON MONOXIDE THIN FILMS ON GLASS/ALUMINA SUBSTRATES USED FOR THE FABRICATION OF HYBRID INTEGRATED CIRCUITS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventors : YOGENDRA KUMAR JAIN AND BALKRISHNA RAMACHANDRA MARATHE.

Application No. 1769/Cal/74 filed August 7, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims

A novel device for evaporating silicon monoxide thin films on glass/alumina substrates used for the fabrication of hybrid integrated circuits, which comprises of a tungsten wire filament with terminals, and central and side wire (or any other filament of high melting point material) for heating and holding the silicon monoxide granules, an alumina crucible to retain the heat radiated from the filament and to hold the material in case it falls, and a metallic platform for supporting the side wall of the crucible and minimising the heat loss through the platform.

CLASS 172F.
Int. Cl.-B65h 67/04.

142593

APPARATUS FOR COORDINATING THE END-FOR-END ORIENTATION OF SPINNING COPS FOR TRANSPORT WITH PROPER END ORIENTATION TO A TEXTILE MACHINE.

Applicant : SCHWEITER ENGINEERING WORKS LTD., OF Horgen, SWITZERLAND.

Inventor : RENE HECKEL.

Application No. 2368/Cal/74 filed October 30, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

In apparatus for coordinating the end-for-end orientation of spinning cops for transport with proper end orientation to a textile machine having a transport means transporting spinning cops with random end-for-end orientation, and orientation means to orient the cops to have a predetermined end-for-end orientation and to deliver the oriented aligned cops to the textile machine, the improvement wherein measuring means are located in the transport path of the cops and measure the diameters of the ends of the cores of the cops and provide a measuring result signal representative of the difference of the diameters thereof; and control signal generating means applying said measuring result signal to the orientation means to effect delivery of a cop, in oriented alignment upon command of said control signal.

CLASS 29A & 67C & 206E.
Int. Cl.-G06f 51/00.

142594

IMPROVEMENTS IN OR RELATING TO MULTIPROCESSOR DATA PROCESSING SYSTEMS.

Applicant: INTERNATIONAL COMPUTERS LIMITED, OF ICL HOUSE, PUTNEY, LONDON, S.W. 15, ENGLAND.

Inventor: DEREK VIDION MORETON.

Application No. 2498/Cal/74 filed November 12, 1974.

Convention date December 14, 1973/(59311/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

According to the invention there is provided a multi-processor data processing system comprising: a main highway for carrying addresses and data; a plurality of addressable functional units connected to the main highway; and a plurality of processing modules each separately connected to the main highway, each said module including: a separate internal highway for carrying addresses and data; a processor unit connected to the internal highway; at least one functional unit connected to the internal highway; each such unit including means for producing a response signal indicative of having responded to an address; and a port unit including a storage means connected to the internal highway for receiving and storing any address applied to the internal highway; means for applying the stored address to the main highway if a said response signal is not received from a said functional unit within a predetermined time period and means operable, following application of the stored address to the main highway, for applying subsequent data appearing on the internal highway to the main highway and vice versa, and said system further including module access control means for controlling the priority of access of modules with the main highway.

CLASS 32B & F.c.
Int. Cl.-C07c 1/00, 9/04, 31/04.

142595

PROCESS OF SIMULTANEOUSLY PRODUCING METHANOL AND METHANE.

Applicant: METALLGESSELLSCHAFT AKTIENGESELLSCHAFT, OF 16, FRANKFURT A.M., REUTERWEG 14, WEST GERMANY.

Inventors: FRIEDEMANN MARSCHEINER, PAUL RUDOLPH, GUNTER POCKRANDT AND EMIL SUPP.

Application No. 2585/Cal/74 filed November 20, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A continuous unidirectional gas flow process for the simultaneous production of methanol and methane from solid coal, which comprises gasifying coal by treatment with water vapour or steam and oxygen at elevated temperatures and elevated pressure in a conventional manner, cooling the gaseous product followed by subjecting the cooled gas to a conventional catalytic shift conversion with water vapour to convert the carbon-monoxide to carbon-dioxide and hydrogen scrubbing the shift conversion gaseous product with a polar organic solvent to remove the impurities contained in the gas, followed by catalytically converting the carbon-dioxides with hydrogen to form methanol, thereafter subjecting the residual gases having residual carbon-monoxide and carbon-dioxide to catalytic conversion to form methane under a pressure below 100 bars, cooling the high methane product gas and scrubbing the cooled gas with a polar organic solvent.

CLASS 47C & 198-D.
Int. Cl.-C10b 49/10.

142596

PROCESS FOR TREATING COAL TO PRODUCE A CARBON CHAR OF LOW SULPHUR CONTENT OF COAL CHAR.

Applicant: OCCIDENTAL PETROLEUM CORPORATION, OF 10889 WILSHIRE BOULEVARD, LOS ANGELES, CALIFORNIA 90024, UNITED STATES OF AMERICA.

Inventors: JAMES ROBERT LONGANBACH AND LEON ROBINSON.

Application No. 2607/Cal/74 filed November 22, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims. No drawings

A process for the treatment of coal to produce a carbon char of low sulphur content, comprising first converting the coal into a char by heating at temperatures not exceeding about 870°C., and thereafter treating the resultant char in an alkali system.

CLASS 39E.
Int. Cl.-C01b 31/26.

142597

PROCESS FOR THE MANUFACTURE OF CARBON DISULPHIDE.

Applicant: RHONE-POULENC INDUSTRIES, OF 22, AVENUE MONTAIGNE, 75360 PARIS 08, FRANCE.

Inventors: BERNARD BUATHIER ANDRE COMBES AND JEAN-PAUL JOURDAN.

Application No. 752/Cal/75 filed April 15, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings

A process for the manufacture of carbon disulphide, which comprises reacting sulphur and one or more sulphur-containing organic compounds having the general formula RS_nR' in which n is 1 or 2, R is an alkyl group containing 1 to 4 carbon atoms and R' is hydrogen or an alkyl group containing 1 to 4 carbon atoms, in the gas phase, at a temperature of from 450°C to 800°C, for 1 second to 1 minute.

CLASS 32F.
Int. Cl.-C07c 149/34.

142598

PROCESS FOR THE PRODUCTION OF CHLOROSULPHENYL METHYL PERCHLORO BENZENES.

Applicant: BAYER AKTIENGESELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

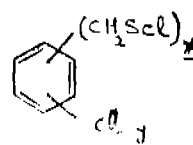
Inventor: ERNST ROSS.

Application No. 898/Cal/75 filed May 3, 1975.

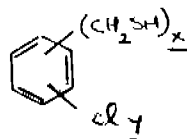
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for the production of chlorosulphenyl methyl-perchlorobenzenes corresponding to formula I.



wherein $X=1-3$; $Y=6-X$ and wherein mercaptomethyl-perchlorobenzenes corresponding to the formula II.



wherein $X=1$ to 3 and $Y=6-X$ or the corresponding (poly) disulphides are chlorinated in a manner such as herein described, optionally in an inert solvent.

CLASS 29A & 67C.
Int. Cl.-G06k 1/00.

142599

APPARATUS FOR RECORDING IN A DIGITAL FORM SIGNALS DETECTED DURING MAGNETO-TELLURIC PROSPECTION.

Applicant: SOCIÉTÉ NATIONALE ELF AQUITAINE (PRODUCTION), OF TOUR AQUITAINE, 92 COURBEVOIE, FRANCE.

Inventors: LUCIEN GERBEL AND MICHEL WALSELYNCK.

Application No. 1024/Cal/75 filed May 21, 1975.

Convention date May 12, 1975/(19838/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A recording installation for automatically recording in an entirely digital form signals which represent components of telluric and magnetic fields and which are produced by telluric and magnetic detectors during the magneto-telluric prospection of the sub-soil, said installation comprising:

— an analog input stage comprising amplifying cells the number of which is at least equal to that of said telluric and magnetic detectors, those amplifying cells which are associated with the telluric detectors comprising each a fixed gain differential amplifier connected to the corresponding telluric detector by the associated telluric line; whereas the amplifying cells associated to the magnetic detectors comprise each a non-differential amplifier the gain of which is adjustable in accordance with the frequency range of the signals to be recorded, said non-differential amplifier being connected by the associated line to the outlet of the corresponding magnetic detector;

— a low-pass filter stage comprising cells in a number equal to the number of amplifying cells present in the analog inlet stage, each one of said filtering cells comprising a shunted low-frequency low-pass filter, a shunted intermediate frequency low-pass filter and a shunted high frequency low-pass filter each one of said filters having a predetermined cut-off frequency, the respective inlets of the low-pass filters of a given filtering cell being sequentially connected to the outlet of the corresponding amplifying cell of the analog inlet stage through the intermediary of switching means,

— an analog output stage comprising programmable binary gain amplifiers in a number equal to the number of the filtering cells, each one of said binary gain amplifiers being connected to the outlet of the corresponding filtering cell and producing an amplified signal and a digital signal representing the true value of the applied binary gain;

— a multiplexer having an adjustable variable sampling sequence comprising input channels in a number at least equal to the number of binary gain amplifiers, the outlet of each one of said amplifiers being connected to one of said input channels of said multiplexer.

— an analog digital converter the inlet of which is connected to the outlet of the multiplexer and which produces a first signal representing in a digital form the amplitude of the analog sample received by the multiplexer, and a second signal representing the address of the channel of the multiplexer from which the sample issues;

— a gain computing module receiving each one of the signals produced by the analog digital converter and producing for each one of the binary gain amplifiers an optimum gain order for putting the amplifier concerned in a condition of optimum gain;

— a digital recording system receiving a first digital signal from the analog digital converter and the digital signal produced for each one of the binary gain amplifiers, and

— a recording selector connected to the multiplexer, at least to the non-differential amplifiers of the analog input stage, as well as to the different filtering cells of the filtering stage, said selector being adapted to select for each one of the various recording types comprising low-frequency recording, intermediate-frequency recording and high-frequency recording, the sampling frequency of the multiplexer, the gain of the non-differential amplifiers of the analog input stage, and the appropriate lowpass filter of each filtering cell.

CLASS 40F.
Int. Cl.-B01j 1/00.

142600

METHOD OF REGENERATING LIQUID DESICCANTS OR ACID GAS ABSORBING LIQUID DESICCANTS OR MIXTURES THEREOF.

Applicant: THE DOW CHEMICAL COMPANY, AT MIDLAND, COUNTY OF MIDLAND, STATE OF MICHIGAN, UNITED STATES OF AMERICA.

Inventors: GEORGE WASHBURN LYON AND ROSCOE LAMONT PEARCE.

Application No. 315/Cal/76 filed February 23, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims

A method of regenerating liquid desiccants or acid gas absorbing liquid desiccants or mixtures thereof such as herein described comprising the steps of feeding a rich liquid absorbent into an upper portion of a regeneration column, vaporizing by heat a normally liquid hydrocarbon or mixture of hydrocarbons substantially insoluble in the dried desiccant and in water, which hydrocarbon has a boiling temperature below the upper and above the lower critical solution temperatures of the mixture of the desiccant and the said hydrocarbon under the pressure conditions employed, passing the vapors upwardly through the rich liquid absorbent, said vapors being the sole source of heat added for regeneration of the desiccant, condensing overhead vapors from the regenerator out of direct contact with the rich liquid absorbent, separating liquid hydrocarbon from water, passing a two phase liquid mixture from the regenerator into a separator to form a lean desiccant phase and a liquid hydrocarbon phase, passing the hydrocarbon phase into a vaporizer wherein the hydrocarbon phase is heated and vaporized for recycle to the regenerator, and removing the lean desiccant phase from the separator.

CLASS 83A₁ & A.
Int. Cl. A23j 3/00.

142601

TEXTURIZATION OF PROTEIN.

Applicant: NESTLE'S PRODUCTS LIMITED, NESTLE HOUSE, COLLINS AVENUE, NASSAU, BAHAMA.

Inventors: EDWARD MATHEW M. CABE AND DAVID NEAL LOUDEN.

Application No. 1324/Cal/74 filed February 23, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims. No drawings

A process for producing a texturized protein product comprising introducing a slurry of untexturized protein in an aqueous dispersant having a pH of from 4 to 6.7 into a confined treatment zone, injecting steam into said zone for a

period of about 1 to 60 seconds so as to produce a temperature of about 100° to 200°C and pressure of about 0.5 to 15 kg/cm² and removing the texturized protein from said zone.

CLASS 148K.

142602

Int. Cl.-G03c 1/00.

PROCESS FOR THE PRODUCTION OF NEGATIVE AND/OR POSITIVE FILMS AND THE FILMS PRODUCED THEREBY.

Applicant : DIRECTOR GENERAL, INDIAN COUNCIL OF MEDICAL RESEARCH, ANSARI NAGAR, NEW DELHI-16, INDIA.

Inventor : DR. SAMAVEDAM SRINIVASA SRIRAMACHARYULU.

Application No. 1157/Cal/74 filed May 25, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims. No drawings

A process of making negative and/or positive films from unexposed films which comprises :

(i) preparing at least one exposed blank on said film by

(a) exposing a part of the film using a camera with reference to a standard black surface/object,

(b) utilizing the exposed portion of the film in combination with a twin polar arrangement for which surface/object with respect to the standard black surface/object said arrangement consisting of two polarised sheets and wherein the angle of orientation of one sheet is rotated with respect to the other, to obtain a specific lighting contrast ratio of 2 : 1 and

(c) exposing said exposed portion under the said conditions with reference to a white surface;

(ii) thereafter subjecting part/parts/full of the remaining unexposed film under the same conditions, and

(iii) processing the final exposed film in a known manner.

CLASS 40F & 200C & 201D.

142603

Int. Cl.-C02b 9/00, B01j 1/00.

APPARATUS FOR MAGNETIC TREATMENT OF A FLOWING LIQUID.

Applicant : ILAF FJELDSUND A/S, P.O. BOX 78, 5501 HAUGESUND, NORWAY.

Inventor : EILERT SUNDT.

Application No. 1541/Cal/74 filed July 10, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An apparatus for magnetic treatment of a flowing liquid, comprising a flow-through housing made, at least in part, of a ferro-magnetic material and at least one permanent magnet provided with pole shoes mounted in the housing in such a manner that one pole shoe is in magnetically conductive connection with the housing while the other pole shoe defines a gap against the housing, characterised in that the permanent magnet is formed like an annular cylinder having disc shaped pole shoes and is mounted in a cup shaped part of the apparatus housing with the liquid inlet and outlet connected to the interior cylindrical space of the magnet and the space between the magnet and the wall of the cup shaped part, respectively.

CLASS 40F & F.

142604

Int. Cl.-B01 1/00.

APPARATUS FOR PURIFYING AIR POLLUTED BY PAINT SOLVENT VAPOUR FROM SURFACE TREATMENT LINES, PRINCIPALLY PAINT FINISHING LINES.

Applicant : HAJTOMUVEK ES FESTOBERENDEZESEK GYARA, OF 98, FEHERVARI-UT, BUDAPEST XI, HUNGARY.

Inventors : DR. JOZSEF DOMOKOS, KAROLY KISS AND MIKLOS PREISZNER.

Application No. 1617/Cal/74 filed July 20, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

Apparatus for purifying contaminated exhaust air containing paint solvent/thinner vapours from surface treatment installations, comprising suction means for exhausting contaminated air from desired locations of the installation, energising means for supplying sufficient external energy to the exhausted air to thermally oxidise the contaminating gaseous hydrocarbons in said air, duct means for passing hot, purified air to part/s of the installation requiring heat; thereby to utilise the heat energy released by the exothermic oxidation process; heat transfer means for removing any residual heat energy from the purified air, and venting means for releasing the purified air to the atmosphere.

CLASS 185E.

142605

Int. Cl.-A23f 3/02.

IMPROVEMENTS IN OR RELATING TO THE PRODUCTION OF COLD SOLUBLE TEA CONCENTRATES AND POWDERS.

Applicant & Inventor : GODWIN RAJENDRAN ROBERTS, USWATTE LIYANAGE LAKSHMAN DE SILVA AND MICHAEL ANGELO VINCENT DEVANATHAN, ALL C/O TEA RESEARCH INSTITUTE OF SRI LANKA, ST. COOMBS, TALAWAKEELLE, REPUBLIC OF SRI LANKA.

Application No. 1645/Cal/74 filed July 24, 1974.

Convention date October 12, 1973/(7119/73) SRI LANKA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings

A process for manufacturing tea concentrates and powder for use in the preparation of a cold tea beverage to superior taste and strength which comprises preparing tea liquor by extracting tea leaves such as herein described with hot water, selectively extracting compounds such as caffeine, lipids, chlorophyll and its degradation products from said tea liquor with a solvent effective to dissolve caffeine, lipids, chlorophyll and its degradation products excluding unoxidized polyphenols which are substantially insoluble therein and then concentrating the resultant tea liquor, the said solvent being selected from a member of the group which consists of benzene, dichloroethylene, methylene chloride, trichloroethylene, chloroform and a combination thereof.

CLASS 70A & C.

142606

Int. Cl.-B01k 3/00.

IMPROVEMENTS IN ELECTROCHEMICAL PROCESS AND AN ELECTROCHEMICAL CELL.

Applicant : PAREL SOCIETE ANONYME, OF 14 RUE ALDRINGEN, LUXEMBOURG, GRAND-DUCHE OF LUXEMBOURG.

Inventors : GEORGE STEPHEN JAMES, BRUCE LAN DEWAR AND WALTER RUDOLF MOERGEIL.

Application No. 1727/Cal/74 filed August 2, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

In an electrochemical process for electrodeposition or electrosynthesis conducted within an electrochemical cell comprising an anode compartment through which flows an anolyte and a cathode compartment through which flows a catholyte

separated at least in part by an ion-permeable wall, across which a pressure gradient tends to exist the improvement which comprises providing flow impellers in one of the electrode compartments such that the pressure differential across said ion-permeable wall is insufficient to cause significant deformation thereof.

CLASS 40B & 136E.
Int. Cl.-C08g 37/08, 37/30.

142607

A PROCESS FOR THE PREPARATION OF UREA FORMALDEHYDE OR MALEIMINE FORMALDEHYDE MOULDING POWDERS.

Applicant: NUCHEM PLASTICS LTD., OF 54, INDUSTRIAL AREA, FARIDABAD-121001, (HARYANA), INDIA.

Inventor: DR. AJIT SINGH.

Application No. 1890/Cal/74 filed August 22, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims. No drawings

In a process for the preparation of urea or melamine formaldehyde moulding powders, the step of adding a catalyst to the resin characterized in that the said catalyst consists of zinc sulphite in the form of an emulsion.

CLASS 32A.,
Int. Cl.-C09b 62/04.

142608

PROCESS FOR THE PREPARATION OF CATIONIC DYESTUFFS.

Applicant: BAYER AKTIENGESELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

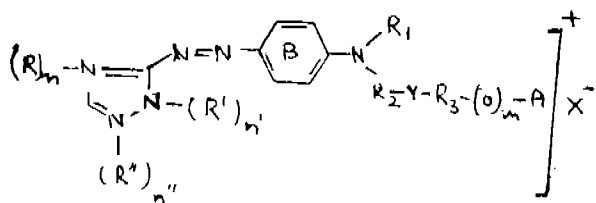
Inventors: HANS-PETER KÜHLTHAU AND HERMANN BEECKEN.

Application No. 2122/Cal/74 filed September 24, 1974.

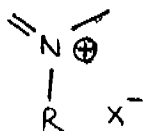
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

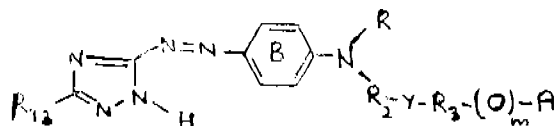
Process for the preparation of cationic dyestuffs of the formula I.



in which R, R' and R'' independently of one another denote alkyl, cycloalkyl or aralkyl and R₁ denotes alkyl, cycloalkyl or aralkyl or R₁ can form a five-membered or six-membered heterocyclic ring selected from pyrroline or tetrahydropyridine by cyclisation onto the ring B, B₂ denotes an alkylene group, Y denotes oxygen or sulphur, R₃ denotes a direct bond or an alkylene, -CO- or -CONH- group, A denotes a saturated or unsaturated carbocyclic six-membered ring or a heterocyclic ring selected from 1, 2, 4-triazolyl-(3), benzothiazolyl-(2) or benzoxazolyl (2) which can contain a quaternary nitrogen atom of the form shown in Fig I.



and X denotes an anion and n, n' and n'' independently of one another are 0 or 1 and m is 0 or 1, with the proviso that the sum n+n'+n''=2 and that m is 1 only if R₁ represents an alkylene group, and in which the cyclic and acyclic radicals can contain non-ionic substituents and/or carboxyl group, and optionally non-ionically substituted carbocyclic rings can be fused onto the rings A and B, characterised in that azo compounds of the formula VII.



in which R₁, R₂, R₃, Y, A and m have the abovementioned meaning and R₁ represents hydrogen or the carboxyl group are reacted with quaternising agents such as herein described.

CLASS 56A.

Int. Cl.-B01d 3/26.

142609

A MERCURY DISTILLATION APPARATUS.

Application No. 2277/Cal/74 filed October 11, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

10 Claims

A mercury distillation apparatus comprising at least one distillation flask having a condenser and a distillate collection vessel, the distillate collection vessel having means for connecting to a vacuum pump and a product discharge barometric leg, the barometric leg having connected thereto an evacuation pump, said distillation flask having means therein for supplying mercury to be distilled and means for heating the contents of the flask.

CLASS 170B.

Int. Cl.-C09k 3/14.

142610

PROCESS FOR PREPARING ZIRCONIA ALUMINA ABRASIVE GRITS.

Applicant: NORTON COMPANY, OF 1 NEW BOND STREET, WORCESTER, STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventors: JOSEPH EDMUND PATCHETT, AREE-KATTUTHAZHAYIL KURIVILLAI KURIAKOSE, AND PAUL ROSS VAN LOAN.

Application No. 2734/Cal/74 filed December 12, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

Process for preparing zirconia, alumina abrasive grits which comprises subjecting to fusion a mixture of oxides of aluminum, zirconium and chromium solidifying the fused material, crushing the solidified product so that obtained grits are essentially free of pores and comprises by weight from 10% to 70% ZrO₂, 5% to 25% Cr₂O₃ and 0% to 85% Al₂O₃, the oxides including up to 5% impurities normally present therein and contains only up to a tolerable amount of soda or free chromium metal.

CLASS 32B & E & F2a.

Int. Cl.-C07d 19/00, C08g 1/02.

142611

A PROCESS FOR THE PREPARATION OF TRIOXANE.

Applicant: NUCHEM PLASTICS LTD., OF 20/6, MILESTONE, MATHURA ROAD, FARIDABAD, HARYANA-121002, INDIA.

Inventors: USHNISH GHOSH, DAYA KRISHNAN GUPTA, PARKASH SINGH, ASHOK BALYAN AND MALAYAPPIER KRISHNAN.

Application No. 152/Cal/75 filed January 27, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims. No drawings.

Process for the preparation of trioxane by heating formaldehyde with an acid such as phosphoric acid characterized in that formaldehyde is heated with 3 to 8% by weight of said acid in a reaction vessel and trioxane formed is immediately removed therefrom under vacuum.

CLASS 155B & E. 142612
Int. Cl.-D06m 1/12.

PROCESS FOR TREATING NATURAL POLYAMIDIC FIBRES OF ASYMMETRIC STRUCTURE SUCH AS WOOL WITH LIQUID AMMONIA.

Applicant: OPI CRYOCHIMIE S.A., OF ROUTE DE CHAUNY, 02680—GRUGIES, FRANCE.

Inventors: JEAN-PAUL DALIE, MARYYONNE JULIE VAESKEN AND ALAIN ETIEMME BULTEZ.

Application No. 174/Cal/75 filed January 29, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A process for treating natural polyamidic fibres of asymmetric structure, with liquid ammonia, wherein the fibres are treated with liquid ammonia containing a nucleophilic substance soluble in said liquid ammonia.

CLASS 62C. 142613
Int. Cl.-D06p 1/18, 3/36.

DYEING OF POLYESTER FABRIC.

Applicant: CASSELLA FARBWERKE MAINKUR AKTIENGESELLSCHAFT, OF 6 FRANKFURT (MAIN) FECHENHEIM, WEST GERMANY-526, HANAUER LANDSTRASSE.

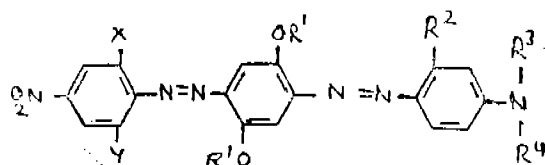
Inventors: ERNST HEINRICH AND JOACHIM RIBKA.

Application No. 611/Cal/75 filed March 26, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

In the process of dyeing a polyester fabric with a dispersion of a water-insoluble dye, the improvement according to which the dyeing is with a dye of the formula I.



in which R^1 , R^2 and R^4 can be the same or different lower alkyl or lower alkenyl,

R^2 is hydrogen, halogen, lower alkyl, lower alkoxy or lower alkenoxy,

X is hydrogen, chlorine, bromine, nitrile or nitro, and Y is hydrogen, chlorine or bromine.

OPPOSITION PROCEEDINGS

An opposition has been entered by The Associated Cement Companies Ltd. to the grant of a patent on application No. 141060 made by F. L. Smidth & Co. A/S.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

	(1)
82435 136743 136751.	
	(2)
136765.	
	(3)
99587 106737.	
	(4)
90432 101656 112875 130541.	
	(5)
100504 127216 135114 136964.	
	(6)
129242.	
	(7)
136999 137022.	
	(8)
85022 88302 112213 126706 137097 137103.	
	(9)
129101.	
	(10)
112134 121187 137197 137199 137200 137205.	
	(11)
131163.	
	(12)
114878 137517 137521.	

PATENTS SEALED

140493 140505 140507 140510 140563 140565 140583 140588 140591 140592 140831.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

(1)

The claim made by Sumitomo Aluminium Smelting Company Limited under Section 20(1) of the Patents Act 1970 to proceed the application for patent No. 140776 in their name has been allowed.

(2)

The claim made by Sumitomo Aluminium Smelting Company Limited under Section 20(1) of the Patents Act, 1970 to proceed the application for patent No. 141192 in their name has been allowed.

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that The Louisiana State University Foundation, a corporation of the State of Louisiana, United States of America, of Baton Rouge, Louisiana, United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of application form of their application for patent No. 138642 for "A process for the production of comestible digestible protein from cellulosic materials". The amendments are by way of inclusion of name of the fourth inventor viz., Youn Woo Han, therein as one of the inventors. The application for amendment and the proposed amendments can be inspected free of charge at the

Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Gebr. Bohler & Co., Aktiengesellschaft, Elisabethstrasse 12, A-1010 Vienna, Austria, an Austrian Company, have made an application under Section 57 of the Patents Act, 1970 for amendment of application form, specification and drawings of their application for patent No. 141209 for "Improvement in or relating to method of manufacturing ingots of high-melting ferro-alloys and metal alloys". The amendments are by way of amending the name from "Gebr. Bohler & Co., Aktiengesellschaft" to "Vereingete Edeltahlwerk Aktiengesellschaft". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(3)

The amendments proposed by Montecatini Edision S.p.A. in respect of Patent No. 129504 as advertised in Part III, Section 2 of the Gazette of India dated the 19th March 1977 have been allowed.

PATENTS DEMAND TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorse with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. and Title of the invention

- 127753 (28-7-70) Process for the manufacture of copper containing monoazo dyestuff.
- 127808 (30-7-70) Process for the production of 3-(4-chloropyrazolyl-1)-coumarines.
- 127868 (4-8-70) Process for the manufacture of water-insoluble monoazo-dyestuffs.
- 128253 (1-9-70) Process for making metal additions to molten aluminum bath for making alloys thereof.
- 128622 (28-9-70) A process for manufacturing green pellets from pelletisable fine iron ore.
- 128677 (3-10-70) Method of preparing novel azolyl sulfonamides.
- 128735 (7-10-70) Method for multistage oxidation of cyclohexane.
- 128799 (13-10-70) Process for preparing water-soluble anthraquinone dyestuffs.
- 129020 (27-10-70) Process for the production of basic azodyes free from sulfonic acid groups.
- 129231 (21-5-71) Process for the production of synthesis gas.
- 129386 (25-11-70) Process and equipment for producing carbon monoxide by reacting incandescent coke with oxygen and carbon dioxide.
- 129607 (15-12-70) Process and apparatus for purification of gas and recovery of products therefrom.

- 129724 (25-10-71) Improvements in or relating to a method for the extraction of nickel from the lateritic nickel ores.
- 129757 (28-12-70) A method for producing manganese dioxide electrolytically.
- 129926 (13-1-71) Process for treating oxide pigments.
- 130048 (25-1-71) A continuous autothermic process for the production of high titred aluminum trifluoride.
- 130139 (2-2-71) Method of emulsifying petroleum products in a form degradable by micro-organisms.

No. and Title of the invention

- 130140 (2-2-71) Process for the manufacture of benzoxanthene dyestuffs.
- 130209 (8-2-71) Process for regenerating a deactivated foaming catalyst.
- 130356 (24-2-71) Process for preparing superphosphoric acid.
- 130432 (2-3-71) Manufacture of 1, 1'-disubstituted-4, 4'-bipyridylum salts.
- 130690 (23-3-71) Process for the manufacture of metal containing azodyestuff.
- 131159 (28-4-71) Process for the preparation of a polymerization catalyst.
- 131215 (4-5-71) Process for the polymerisation of olefins.
- 131286 (7-5-71) Process for the preparation of benzoxanthene and benzothioxanthene dyestuffs.
- 131287 (7-5-71) Process for the preparation of benzoxanthene and benzothioxanthene dyestuffs.
- 131335 (12-5-71) Process for producing cemented tungsten carbide compositions.
- 131518 (28-5-71) Method and converter for refining pig iron.
- 131808 (21-6-71) Process for the manufacture of carbon disulphide with recovery of sulphur.
- 131939 (30-6-71) Process for preparing water-soluble metal-liferous disazo dyestuffs.
- 132323 (2-8-71) Production of cyclo copolymers.
- 132685 (26-8-71) Process for purifying lactams.
- 132809 (28-2-72) A process for the conversion of mica into pulp suitable for making micapaper and other materials.
- 133172 (7-10-71) Improved process for the manufacture of phosgene.
- 133622 (15-11-71) Process for vulcanization of rubber composition.

RENEWAL FEES PAID

- 82561 83080 83089 83119 83136 83165 83195 83323 83335
83362 83483 83503 83513 83607 83729 83775 83784 83858
83892 83908 83949 84256 84464 84732 88293 88544 88649
88710 88760 88787 88817 88828 88835 88844 88918 88949
88967 89024 89025 89032 89042 89043 89087 89143 89144
89168 89177 89179 89182 89233 89281 89329 89405 89407
89458 89519 89644 90072 90916 94234 94382 94517 94574
94575 94576 94579 94617 94661 94725 94893 94908 94942
94952 94959 94961 94982 94998 95012 85281 95390 95798
96509 89387 99819 100255 100394 100395 100428 100436
100441 100487 100516 100523 100552 100553 100599 100662
100685 100701 100703 100733 100734 100761 100775 100803
100857 100922 100923 101024 101025 101073 101133 101140
101194 101320 101453 101495 101536 101779 101784 101960
101985 102000 103490 105487 105648 105652 105911 105966

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 110785 111112 111262 111311 111331 111340 111385 111401
 111402 111409 111414 111429 111436 111453 111459 111497
 111508 111509 111523 111524 111571 111593 111623 111636
 111637 111649 111658 111660 111661 111680 111698 111716
 111739 111766 111774 111780 111798 111865 111933 111937
 111941 111962 111983 112016 112087 112090 112164 112228
 112289 112408 112439 112446 112466 112578 113123 113274
 113275 113385 113437 113511 113737 115330 116571 116597
 116604 116606 116607 116630 116657 116667 116672 116690
 116705 116752 116754 116756 116763 116771 116795 116835
 116883 116912 116946 116949 116981 117006 117024 117031
 117071 117072 117173 117234 117252 117259 117328 117382
 117619 117795 118485 120560 122016 122036 122071 122104
 122105 122109 122111 122125 122148 122154 122155 122172
 122173 122182 122194 122195 122228 122234 122255 122305
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 122430 122444 122467 122482 122483 122501 122536 122557
 122561 122573 122628 122706 122739 122781 122815 122816
 122835 122838 122846 122854 122855 122872 122893 122894
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 123665 125188 126465 126595 126927 127345 127379 127395
 127410 127481 127483 127505 127517 127546 127547 127590
 127620 127626 127646 127658 127687 127715 127721 127722
 127733 127734 127739 127752 127753 127785 127824 127857
 127903 127904 127911 127914 127981 128065 128132 128172
 128193 128256 128337 128465 128509 128542 128621 131535
 131940 131954 131961 131964 131968 131969 131970 131974
 132031 132036 132067 132081 132090 132144 132145 132146
 132158 132172 132173 132174 132183 132197 132231 132235
 132264 132265 132272 132284 132289 132302 132305 132307
 132312 132340 132384 132385 132415 132418 132428 132437
 132453 132454 132456 132518 132571 132659 132675 132736
 132799 132804 132806 132824 132832 132865 132866 132926
 132931 135149 135418 135443 135471 135473 135474 135475
 135503 135516 135525 135609 135613 135615 135643 135653
 135855 135856 135918 135937 135939 135940 135949 135987
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137270 137285 137297 137307 137326 137473 137537 137675
 137849 138049 138352 138353 138658 138703 138752 138771
 138855 138881 138882 138919 139056 139106 139205 139206
 139321 139537 139560 139654 139767 139838 139915 139991
 139994 140010 140050 140054 140059 140105 140178 140185
 140216.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

NIL

COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS

Design Nos. 139779, 139780 & 139781.—Class 1.

Design Nos. 139865 & 144559.—Class 3.

Design Nos. 139793 & 139794.—Class 10.

COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS

Design Nos. 131469 & 144559.—Class 3.

CANCELLATION OF THE REGISTRATION OF DESIGN BY HIGH COURT

SECTION 51A

Registered Design No. 125728

By virtue of an order dated the 19th April, 1977 of Hon'ble Mr. Justice Prakash Narain and Hon'ble Justice Pritam Singh Safer in Suit L.P.A. 118 of 1973 (Western Engineering Co. versus American Lock Co.) Suit No. 390 of 1967 is discharged as withdrawn. Judgment passed by single judge in Suit C.O. 1 of 1966 is discharged and L.P.A. No. 118 of 1973 is accepted. Appellants Western Engineering Company will be entitled to manufacture the lock having registered design No. 125728 Respondents American Lock Company will be entitled to manufacture locks having registered design No. 131208. Parties shall bear their own cost.

S. VEDARAMAN
 Controller-General of Patents, Designs and
 Trade Marks

